

32-2597: NDUF55 Recombinant Protein

Alternative Name : CI-15k,CI15K,NADH dehydrogenase [ubiquinone] iron-sulfur protein 5,Complex I-15 kDa,NADH-ubiquinone oxidoreductase 15 kDa subunit,CI-15 kDa,NDUF55.

Description

Source : Escherichia Coli. NDUF55 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 129 amino acids (1-106a.a) and having a molecular mass of 14.9kDa. NDUF55 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Histidine NADH Dehydrogenase Fe-S Protein 5 (NDUF55) belongs to the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. NDUF55 is a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which doesn't take part in catalysis. Complex I is transferring the electrons from NADH to the respiratory chain.

Product Info

Amount : 25 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The NDUF55 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMPFLDIQ KRFGNLIDRW LTIQSGEQPY KMAGRCHAFE
KEWIECAHGI GYTRAEKECK IEYDDFVECL LRQKTMRRAG TIRKQRDKLI KEGKYTPPPH HIGKGEPRP.

